

The aviation industry has been my passion for several years, and my journey within this field has solidified my desire to pursue a master's degree in aerospace engineering. With nearly four years of experience in the industry and a diploma in aircraft maintenance engineering, I have gained valuable knowledge and hands-on experience that have fueled my ambition to enhance my career prospects and expand my understanding of aviation technology.

After completing my diploma in aircraft maintenance engineering in September 2017, I spent over two years working in the aviation industry. This experience allowed me to gain a deep appreciation for the intricacies of aircraft systems and operations. It also instilled in me a curiosity to delve into the underlying principles and technologies that enable flight.

Seeking to further develop my knowledge and broaden my career opportunities, I made the decision to pursue a lateral BSc in aircraft maintenance engineering at Shinghan University. Due to my prior experience and qualifications, I was granted direct admission into the last semester of the program. In December 2021, I successfully completed the program, further solidifying my foundation in the field.

During my tenure at Star Airlines as an aircraft maintenance engineer, I have encountered the complexities and challenges inherent in the industry on a daily basis. This exposure, combined with my educational background, has reinforced my aspiration to pursue a master's degree in aerospace engineering. The prospect of contributing to the advancement of aviation technology and being at the forefront of innovation is both thrilling and inspiring to me.

Choosing a master's degree in aerospace engineering is a natural progression for me, as it aligns perfectly with my passion for aviation, technology, and problem-solving. I am captivated by the vast possibilities offered by this field, from designing and improving aircraft to exploring new frontiers of space travel. The prospect of pushing the boundaries of what is possible in aviation and aerospace is exhilarating.

Furthermore, the interdisciplinary nature of aerospace engineering appeals to my desire to explore various facets of science, technology, engineering, and mathematics. It offers a holistic approach to problem-solving and innovation, fostering collaboration, creativity, and critical thinking. I am eager to develop these skills further and contribute to the advancement of aerospace engineering through research and development.

Kent State University's master's program in aerospace engineering stands out as the ideal choice for my academic journey. The university's esteemed faculty, cutting-edge facilities, and commitment to research and innovation provide an exceptional learning environment. By pursuing this program, I aim to deepen my technical knowledge, expand my network within the industry, and make meaningful contributions to the field.

In conclusion, my extensive experience in the aviation industry, coupled with my educational background in aircraft maintenance engineering, has fueled my desire to pursue a master's degree in aerospace engineering. The challenges and possibilities within this field ignite my

passion and drive to make a lasting impact on the aviation industry. I am confident that with my dedication, perseverance, and unwavering commitment to learning, I will thrive in Kent State University's master's program and contribute to the advancement of aerospace engineering.